

IN THE TITLE

Please amend the Title of the application to read as follows: "FLOOR CLEANING
APPARATUS WITH CONTROL CIRCUITRY"

IN THE DRAWINGS

The Examiner objected to the Drawings for using the reference numeral “22” for both “panel” and “pad” on page 17. This is a patent error which applicants have corrected by amending the specification at page 17, lines 13 and 15 to change “pad” to “panel”.

The Examiner objected to the Drawing in use of the reference numeral “92” to designate both a frame (page 21, line 20) and bolts (page 21, line 22). Again, this is a patent error which has been corrected by changing the reference numeral “92 “ to “94” at page 21, line 22 so that line 22 correctly refers to the bolts which were previously designated at page 21, line 20.

It is believed that the amendments to the specification obviate the need for a correction to the drawing.

IN THE SPECIFICATION

Please amend the specification at page 17, paragraph 2, lines 13 and 15 as follows:

Housing 20 has a control panel 22 which can be used by a user to operate cleaner 10. The controls on control [pad] panel 22 provide the use with the option of choosing to sweep, scrub, burnish, or perform any combination of these three cleaning operations including performing all three cleaning operations at once. The controls on control [pad] panel 22 also include an emergency stop button which the user can use to stop all cleaning operations and movements of cleaner 10 in the case of an emergency. The controls further include a speed and direction selector which allows the user to select among two forward speeds and one reverse speed. The controls further include a key switch for turning cleaner 10 on and off. A series of LEDs on control panel 22 indicate to the user which cleaning functions are being currently performed.

Please amend the specification at page 21 (bridging page 22), paragraph 3, line 22 as follows:

Scrubber frame 90 is constructed out of a number of segments, and is pivotally connected to a mounting frame 92 by bolts 94. Mounting frame 92 is in turn mounted onto frame 18 of cleaner 10 (shown in FIGs. 1-2). A DC servo motor 106 is provided for rotating housing 90 about bolts [92] 94. Motor 106 is connected to a gear 106A which engages a wedge-shaped gear 108 bolted to scrubber frame 90. As motor 106 rotates gear 106A and gear 108, gear 108 acts as a lever and rotates housing 90 about bolts 94. Motor 106 is connected to a DC servo motor driver controlled by control subsystem 34, as will be described in further detail below.